

Title (en)
Lubricating structure of hydraulic clutch

Title (de)
Schmierungsvorrichtung für eine hydraulische Kupplungsanordnung

Title (fr)
Dispositif de lubrification pour embrayage hydraulique

Publication
EP 1338814 A1 20030827 (EN)

Application
EP 02028333 A 20021217

Priority
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Abstract (en)
A lubricating structure of a hydraulic clutch (14) including a drum-shaped clutch housing (16) connected to an input shaft (6), and a clutch hub (26) connected to an output shaft (8) coaxial with the input shaft. The clutch hub has a cylindrical portion (58) and a flange (60) formed integrally with the cylindrical portion near one end of the cylindrical portion. The lubricating structure of the hydraulic clutch further includes a clutch piston (34) for making pressure contact of first (20) and second (30) clutch plates respectively mounted to the clutch housing and the clutch hub and a hydraulic pump (44,46) provided on the opposite side of the first and second clutch plates with respect to the clutch piston. The cylindrical portion of the clutch hub is formed with a plurality of first lubricating oil passages (64) passing through the cylindrical portion, and the flange of the clutch hub is formed with a plurality of second lubricating oil passages (66) passing through the flange. <IMAGE>

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CPC (source: EP US)
F16D 25/12 (2013.01 - EP US); **F16D 25/123** (2013.01 - EP US)

Citation (search report)
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